



Crop Weather Report

Issue: 08-18
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For the Week Ending:
July 13, 2008

Weather Summary

Montana received light precipitation for the week ending July 13th. Albion received the most moisture during the week at 1.59 inches. Highs were mostly in the 80s and 90s, and lows were mostly in the 30s and 40s. Hardin and Miles City shared the high temperature 98 degrees, and Cascade and Sula shared the low temperature of 31 degrees. Topsoil moisture adequate and surplus, at 36 percent, is below last week's 52 percent, last year's 42 percent, and the five-year average of 44 percent. Subsoil moisture adequate and surplus is 41 percent, below last week's 51 percent, last year's 55 percent, and the five-year average of 44 percent. The number of days suitable for field work was 6.6 days.

The weather outlook for July 21st through July 27th is for above normal temperatures and near normal precipitation east of the continental divide and for above normal temperatures and above normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the mid 70s to the upper 80s and lows in the lower 40s to 60 degrees.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Barley				
Very Poor	1	1	13	4
Poor	4	4	12	7
Fair	30	34	17	25
Good	56	49	48	49
Excellent	9	12	10	15
Durum Wheat				
Very Poor	9	2	3	4
Poor	29	23	4	13
Fair	39	32	23	25
Good	21	39	55	48
Excellent	2	4	16	9
Oats				
Very Poor	2	3	1	3
Poor	9	4	4	7
Fair	37	44	18	23
Good	46	43	64	55
Excellent	6	6	13	12
Spring Wheat				
Very Poor	2	3	8	4
Poor	12	7	9	7
Fair	37	28	18	27
Good	42	56	55	54
Excellent	7	6	10	8
Winter Wheat				
Very Poor	1	1	2	2
Poor	8	8	8	7
Fair	31	50	23	26
Good	43	34	44	47
Excellent	17	7	23	18

Livestock Report

Range and pasture feed conditions are worse than last week and last year, but they are better than the five-year average. Hot, dry weather has contributed to declining conditions.

Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	18	8	17	18
Short	46	40	41	38
Adequate	35	51	40	43
Surplus	1	1	2	1
Subsoil Moisture				
Very Short	19	13	13	19
Short	40	36	32	37
Adequate	40	50	53	43
Surplus	1	1	2	1
Days Suitable for Fieldwork				
Days	6.6	6.3	6.6	6.4

Field Crops Report

Barley, oats, durum wheat, and spring wheat will be through the boot stage within the next couple weeks. The small grain crops have begun turning this past week, and in some areas, the heat has caused crops to ripen too fast. Some hay producers in the northeast district are planning on grazing their hayland, and a lot who have harvested their hay have got little tonnage due to drought. The oilseeds have almost finished blooming, and many are well through the turning stage.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Boot Stage				
Barley	89	86	97	95
Durum Wheat	94	79	90	82
Oats	93	88	99	92
Spring Wheat	92	91	98	94
Headed				
Barley	65	47	84	78
Durum Wheat	75	36	63	54
Oats	80	49	86	72
Spring Wheat	79	36	74	75
Winter Wheat	99	94	100	100
Turning				
Barley	6	n/a	24	15
Durum Wheat	16	n/a	n/a	n/a
Oats	13	n/a	24	16
Spring Wheat	7	n/a	16	14
Winter Wheat	51	9	87	79
Blooming				
Dry Peas	96	87	97	n/a
Lentils	83	66	97	n/a
Harvested				
Dry Peas	1	n/a	0	n/a
Hay First Cutting				
Alfalfa	74	54	90	82
All Other Hay	69	45	82	70

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	4	4	6	7
Poor	11	11	7	13
Fair	34	31	25	31
Good	36	38	47	39
Excellent	15	16	15	10

Weather Information for the Week ending 07/13/2008

Station ID						Precipitation								
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date			
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM	
NORTHWEST														
Alberton	89	41	65	107	-9	0.00	-0.28	5.28	-0.03	99	14.56	+3.49	132	
Anaconda	86	39	64	98	+6	0.00	-0.35	5.32	-0.30	95	11.79	+1.74	117	
Clinton	88	35	63	91	+11	0.00	-0.21	6.38	+1.32	126	14.93	+2.35	119	
Corvallis	88	38	66	111	-2	0.00	-0.21	2.53	-2.23	53	6.86	-2.17	76	
Creston	87	40	64	97	+3	0.00	-0.43	7.58	-0.42	95	11.40	-4.85	70	
Deer Lodge	86	35	61	77	-2	0.00	-0.35	4.37	-0.52	89	6.77	-0.56	92	
Drummond	89	35	61	81	-17	0.00	-0.28	5.00	-0.14	97	9.74	+0.07	101	
Hamilton	84	37	64	98	-12	0.00	-0.21	2.62	-2.26	54	5.97	-1.82	77	
Kalispell	88	37	62	88	-2	0.00	-0.34	5.74	-0.52	92	10.82	-3.26	77	
Missoula	91	44	68	126	+10	0.00	-0.28	4.51	-0.80	85	9.24	-1.83	83	
Olney	87	41	61	81	+2	0.00	-0.42	4.65	-2.59	64	17.37	-1.71	91	
Polson	87	41	65	107	-11	0.00	-0.28	6.06	-0.33	95	10.37	-2.48	81	
St Ignatius	89	41	67	122	+6	0.01	-0.32	6.79	-0.19	97	10.84	-2.38	82	
Seeley Lake	87	40	63	90	+5	0.00	-0.28	3.99	-1.81	69	14.66	-2.70	84	
Sula	84	31	59	66	-6	0.00	-0.33	6.04	-0.58	91	11.80	-0.93	93	
Superior	90	43	67	120	-3	0.15	-0.09	7.43	+2.15	141	16.56	+2.93	121	
Swan Lake	87	37	62	86	+8	0.00	-0.36	7.08	-0.68	91	23.69	-0.64	97	
Thompson Falls	90	45	68	130	+0	0.00	-0.28	5.17	-1.36	79	21.33	+1.27	106	
West Glacier	86	38	64	96	+4	0.00	-0.47	7.74	-0.92	89	25.92	+1.64	107	
NORTH CENTRAL														
Chester	87	41	65	104	-9	0.33	-0.02	6.95	+1.53	128	8.58	+0.76	110	
Chinook	90	46	67	119	-8	0.25	-0.15	8.74	+2.36	137	10.97	+1.51	116	
Choteau	86	35	63	93	-19	0.00	-0.28	8.03	+2.54	146	10.39	+3.12	143	
Cut Bank	84	39	63	94	+5	0.03	-0.32	7.89	+1.55	124	8.82	+0.02	100	
Ft Assinniboine	90	44	66	114	-14	0.09	-0.33	7.76	+1.44	123	9.44	-0.13	99	
Fort Benton	91	43	67	118	-16	0.00	-0.29	8.51	+1.92	129	11.02	+0.75	107	
Goldbutte	86	39	63	94	-2	0.83	+0.50	8.57	+1.95	129	10.85	+1.08	111	
Harlem	88	44	67	125	-1	0.18	-0.26	6.24	+0.43	107	7.70	-0.58	93	
Havre	90	43	66	112	-13	0.03	-0.32	6.00	+0.68	113	7.48	-0.97	89	
Malta	91	47	69	136	+6	0.18	-0.26	6.58	-0.04	99	10.25	+0.66	107	
Rudyard	88	44	66	113	-3	0.00	-0.28	8.79	+3.50	166	9.48	+2.35	133	
Shelby	85	40	64	98	+0	0.00	-0.28	6.75	+0.71	112	8.04	-0.96	89	
Turner	86	43	65	109	-3	0.18	-0.29	7.42	+1.52	126	8.64	+0.48	106	
Valier	83	39	64	99	-11	0.00	-0.29	7.49	+1.05	116	9.51	+0.74	108	
NORTHEAST														
Bredette	94	42	68	130	-1	0.00	-0.61	4.65	-2.08	69	7.44	-1.72	81	
Culbertson	94	43	71	149	+9	0.14	-0.42	3.82	-3.17	55	6.04	-3.65	62	
Glasgow	95	48	69	137	-1	0.11	-0.31	6.89	+1.35	124	9.20	+1.09	113	
Glendive	96	47	72	156	-1	0.08	-0.34	5.56	-1.07	84	7.37	-2.49	75	
Jordan	95	41	67	118	-28	0.00	-0.42	6.54	+0.24	104	9.90	+0.27	103	
Nashua	95	46	71	147	-7	0.09	-0.42	6.60	+0.64	111	8.67	+0.41	105	
Opheim	88	39	65	108	+4	0.00	-0.58	5.95	-0.73	89	8.19	-0.63	93	
Plentywood	93	45	68	130	+1	1.05	+0.50	4.98	-1.58	76	7.13	-2.21	76	
St Marie	92	47	69	134	-4	0.21	-0.21	5.47	-0.07	99	7.48	-0.63	92	
Scobey	93	37	67	117	+5	0.00	-0.50	7.85	+1.21	118	10.78	+1.86	121	
Sidney	97	48	72	152	+5	0.02	-0.51	3.96	-3.02	57	5.74	-4.73	55	
Wolf Point	96	42	70	138	-14	0.06	-0.40	5.35	-0.64	89	6.84	-1.81	79	
CENTRAL														
Cascade	83	31	59	63	-16	0.00	-0.38	9.85	+2.69	138	14.45	+3.75	135	
Grass Range	90	41	66	116	+5	0.00	-0.49	10.99	+2.68	132	14.95	+2.34	119	
Great Falls	87	40	64	100	-11	0.00	-0.35	8.48	+1.63	124	11.31	+0.03	100	
Harlowton	88	38	64	101	-7	0.00	-0.41	10.62	+3.53	150	14.77	+4.30	141	
Helena	91	46	70	139	+17	0.00	-0.31	5.08	-0.07	99	7.62	-0.68	92	
Lewistown	90	36	62	84	-13	0.00	-0.49	9.73	+1.50	118	12.45	-1.07	92	
Martinsdale	89	32	63	91	+9	0.00	-0.42	6.59	+0.08	101	10.08	+0.23	102	
Neihart	86	38	62	84	+0	0.00	-0.52	11.30	+1.59	116	18.47	+2.34	115	
Rogers Pass	84	35	63	92	-5	0.00	-0.41	10.19	+1.93	123	13.74	+0.26	102	
Roundup	97	41	70	144	+3	0.00	-0.39	8.24	+1.68	126	10.89	+1.04	111	
Ryegate	88	38	63	95	-14	0.00	-0.42	8.59	+2.37	138	11.63	+2.21	123	
Stanford	87	40	65	104	-4	0.00	-0.49	8.78	+0.53	106	12.38	-0.35	97	
Townsend	91	40	64	103	-11	0.00	-0.32	4.48	-0.65	87	6.67	-0.95	88	
Valentine	93	44	66	116	-6	0.01	-0.41	9.76	+3.16	148	12.45	+2.43	124	
Wht Sulphur Spr	85	34	61	78	-14	0.00	-0.35	6.32	-0.10	98	9.99	-0.05	100	
SOUTHWEST														
Boulder	86	41	65	103	+4	0.00	-0.35	5.09	-0.28	95	7.76	-0.45	95	
Bozeman	91	36	65	107	-8	0.00	-0.34	10.29	+1.46	117	18.86	+3.53	123	
Butte	85	34	61	75	-11	0.00	-0.35	5.17	-0.65	89	7.35	-2.25	77	
Dillon	88	37	65	103	+1	0.00	-0.28	3.08	-2.02	60	6.01	-1.33	82	
Ennis	90	29	60	71	-29	0.00	-0.31	5.92	-0.51	92	11.04	+0.69	107	
Lakeview	88	36	64	98	+36	0.04	-0.41	5.49	-2.25	71	13.02	-2.11	86	
W Yellowstone	86	34	61	79	+14	0.05	-0.37	6.65	-0.12	98	18.35	+0.37	102	
Wisdom	83	34	58	61	+5	0.00	-0.28	4.44	-0.61	88	10.14	+1.02	111	
SOUTH CENTRAL														
Billings	96	47	70	144	-8	0.00	-0.32	5.42	-1.31	81	9.38	-2.59	78	
Cooke City	89	35	64	97	+55	0.00	-0.49	5.83	-2.48	70	11.15	-9.18	55	
Gardiner	89	45	69	137	+9	0.00	-0.28	1.88	-2.32	45	5.70	-1.69	77	
Hardin	98	43	71	149	-10	0.00	-0.28	6.50	+0.92	116	9.42	-0.18	98	
Huntley	97	40	68	127	-6	0.00	-0.35	6.54	+0.00	100	10.48	-0.47	96	
Hysham	96	45	70	138	-9	0.20	-0.15	7.77	+1.31	120	10.84	+0.44	104	
Joliet	95	40	66	113	-15	0.00	-0.28	6.88	-0.27	96	11.02	-1.71	87	
Livingston	95	33	65	106	-11	0.00	-0.36	6.86	-0.75	90	10.54	-1.58	87	
Nye	91	33	65	105	+5	0.00	-0.43	10.89	+1.89	121	16.09	+1.77	112	
Rapelje	94	38	67	123	-2	0.00	-0.42	8.10	+1.01	114	11.66	-0.15	99	
SOUTHEAST														
Albion	92	40	66	112	-22	1.59	+1.13	16.45	+8.57	209	19.30	+8.35	176	
Baker	96	42	67	121	-23	0.06	-0.36	7.50	+0.55	108	8.76	-2.24	80	
Broadus	94	43	69	135	-16	1.05	+0.69	11.97	+5.20	177	13.94	+3.03	128	
Ekalaka	89	42	66	113	-29	0.40	-0.07	12.09	+3.40	139	14.78	+1.19	109	
Miles City	98	49	71	146	-20	0.09	-0.30	6.32	-0.50	93	6.94	-3.43	67	
Plevna	95	39	68	125	-19	0.01	-0.41	7.43	+0.48	107	9.03	-1.97	82	
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. GDD-Growing degree days														